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• **Military Surface  
Deployment and**

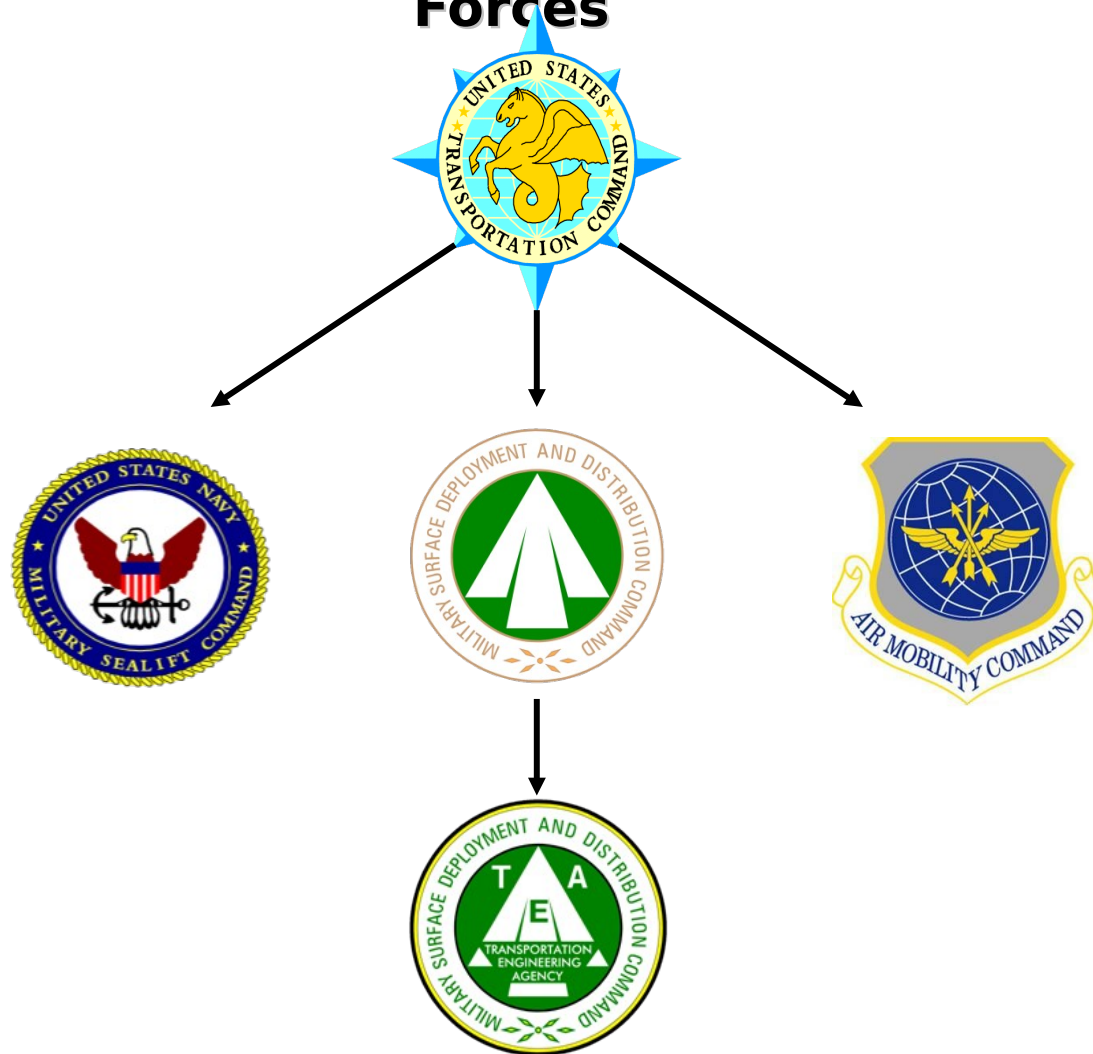
**DD**

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# HIGHWAYS FOR NATIONAL DEFENSE

Military Surface Deployment and  
Distribution Command –  
Transportation Engineering Agency

# Improve the Deployability of the U.S. Armed Forces



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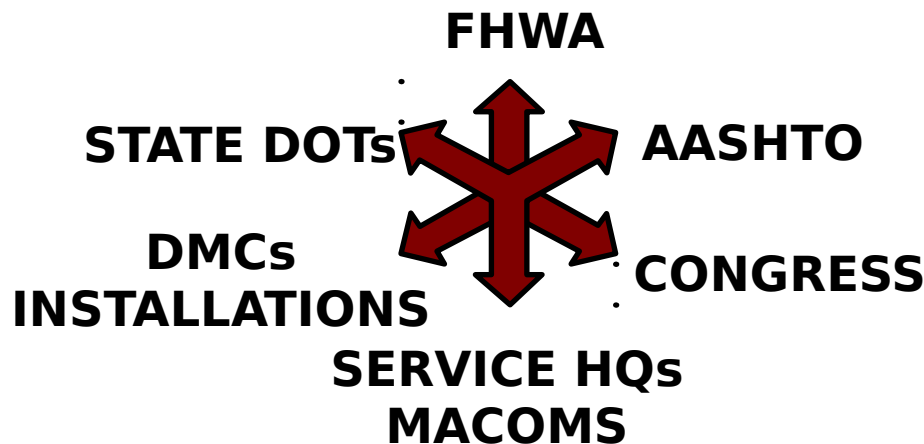


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# Highways for National Defense



U.S. Department of Transportation  
Federal Highway Administration



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# Highways for National Defense

**Ensure Defense Public Highway Needs  
Are Met**



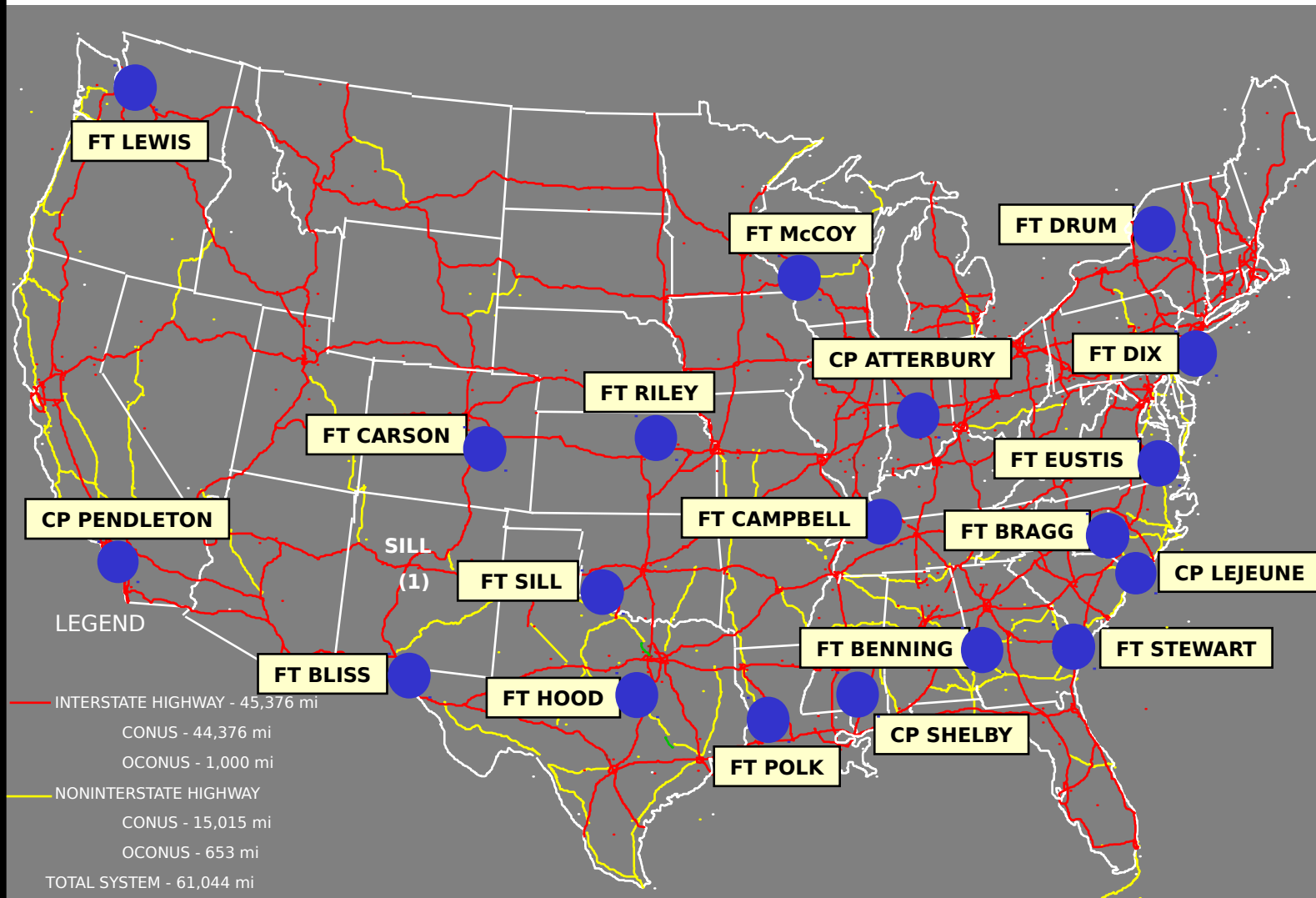
**Identify/Integrate  
Defense  
Public  
Highway**

**Establish Policy  
on Defense Use of  
Public Highways**

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# STRAHNET & PPP Installations



# STRAHNET & Connectors in the NHS

- **Intermodal Surface Transportation Efficiency Act of 1991 (P.L. 102-240) Dec 1991**
- **National Highway System Designation Act of 1995 (P.L. 104-59) Nov 1995**
- **Included connector routes approximately 200 major military installations and ports**
- **Importance:**
  - Optimum maintenance levels
  - Significant role in DOD deployment scenarios



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# Federal Highway Administration (FHWA) National Strategic Plan

- **Strategic Goals and Objectives**

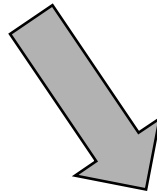
Mobility

Safety

Productivity

Human and Natural Environment

**National Security**



***“Improve the capacity, operations, and safety of the Strategic Highway Network (STRAHNET), STRAHNET Connectors, and military installation roads to support defense mobilization.”***

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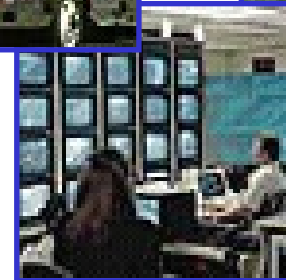
# Defense Highway Requirements Task Force

- **Annual Meetings to Address Specific Defense Issues**

- SDDCTEA - DOD Rep
- FHWA - HQ and Div Reps

- **Focus Areas**

- System Assessment
- Oversize/Overweight Vehicle
- Emergency Preparedness
- Military Installation Road Needs
- Coordination





# Emergency Planning & Coordination

- **FHWA Div and State DOT's meet with Military Installation Personnel**



- **Military Deployment Coordination Procedures and Exercises**



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# FHWA Federal Lands Highway Program

- **Public Lands Highway Discretionary Transportation Planning Funds**
  - Safety and Force Protection Studies
  - FY04-FY08: \$3.3M
- **Public Lands Highway Discretionary Projects**
  - Ft Drum, NJ \$800k
  - Ft Campbell, KY \$3.6M
  - Lakehurst NAE, NJ \$250k
  - Dyess AFB, TX \$2.2M
  - Beale AFB, CA \$1M
  - Ft Hood, TX \$2.4M
  - Ft Lewis, WA \$750k
  - USMC Quantico Heritage Ctr, VA \$2.8M



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# Highway Legislation Reauthorization

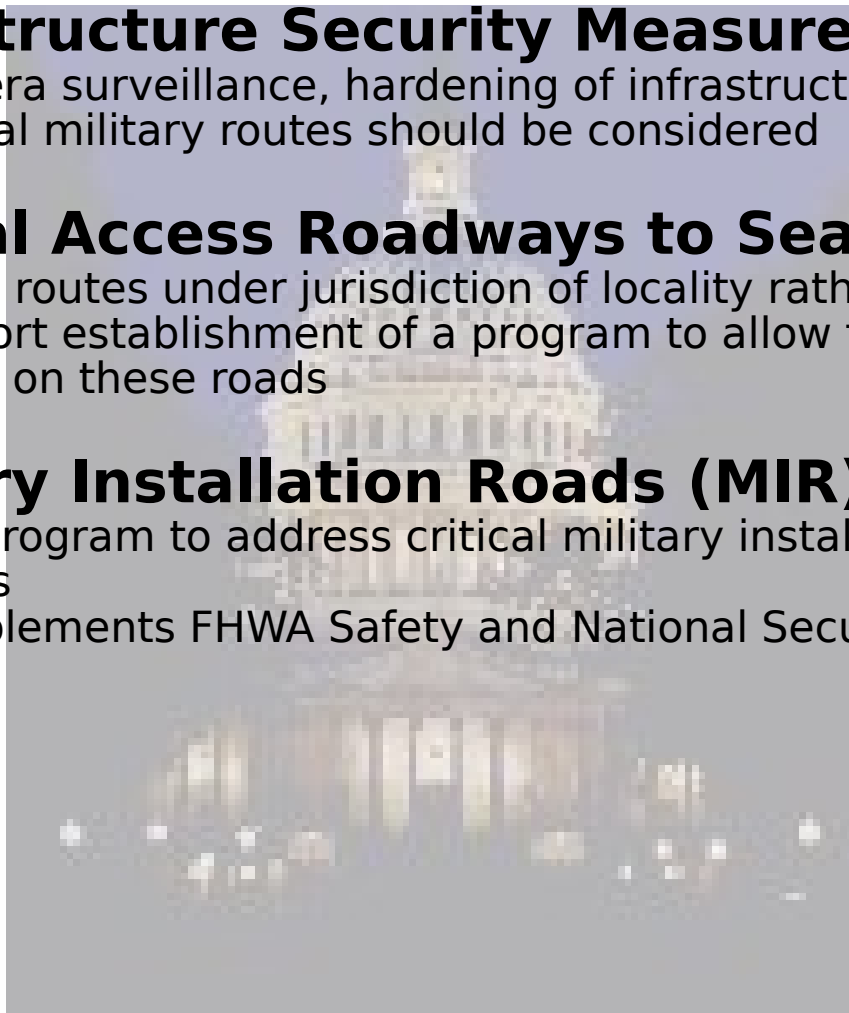
- **Military Vehicle Access**
  - Expedited movement of oversize/overweight marked military vehicles in a defense emergency
  - Relief from tolls
- **Freight Transportation Gateways: Freight Intermodal Connections**
  - Improvements to various access roads to commercial ports including those currently not eligible for Federal-aid funding.
  - STRAHNET connector roads to SPOE's could be improved.
- **Federal Lands Highway Division**
  - Funds for various highway safety projects on military roads "open to public travel".
  - SDDCTEA would be eligible for these purposes.
  - This would reduce the number of fatalities and injury accidents on military installations.

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# Highway Legislation Reauthorization

- **Infrastructure Security Measures**
  - Camera surveillance, hardening of infrastructure, etc.
  - Critical military routes should be considered
- **Critical Access Roadways to Seaports**
  - Some routes under jurisdiction of locality rather than the State
  - Support establishment of a program to allow federal funds to be spent on these roads
- **Military Installation Roads (MIR) Program**
  - FLH program to address critical military installation road safety issues
  - Complements FHWA Safety and National Security Goals



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# Defense Transportation Regulation DOD 4500.9-R

- **Coordination with TRANSCOM, J-4**
- **HND Operations addressed**
- **Part III, Mobility, Appendix F, Permits for  
Oversize/Overweight, or Other Special  
Military  
Movements on Public Highways in the  
United  
States**
  - Convoy Operations
  - Procedures for operating on public highways, i.e. permits



# Defense Movement Coordinators (DMCs)

- **Enhanced State DOT/DOD Relationship!**

- **SDDCTEA Coordination**

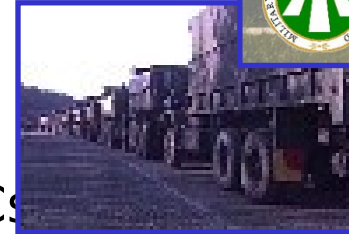
Publish State/DOD permit POCs

Establish State executive-level counterpart to resolve emergency issues

DMC annual meeting

Exchange of information on various public highway issues

DMC's are our "eyes and ears" regarding military organic vehicle movement issues on public highways



# Highways for National Defense at Work

- **Stryker Light Armored Vehicle (LAV)**
- **Palletized Loading System (PLS)**
- **Heavy Equipment Transporter System (HETS)**





# Stryker Light Armored Vehicle (LAV)

- **Fielded to 6 CONUS installations**

- Ft Lewis, WA
- Ft Wainright, AK
- Ft Richardson, AK
- Ft Polk, LA
- Ft Shafter, HI
- Army National Guard, PA



- **Oversize width (106.47 in) requires state highway permits**



- **Assisted Ft Lewis ITO and WA DMC in attaining standing permits**

- **Will work with other states/installations**

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# Palletized Loading System (PLS)

- **Regulatory Change to “Non-divisible Load or Vehicle” Definition**

PLS movement limitations

Worked with FHWA to affect Rule change

States may consider marked military equipment as nondivisible



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# Heavy Equipment Transporter System (HETS)

- **HETS Bridge Study - less impact on bridges than previously believed**

Axle Width

Eight Tires per Axle

Suspension System



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# Highways for National Defense Summary



*We ensure that public highways can support a defense emergency through actions and coordination with USTRANSCOM, military services & installations, State DOTs, FHWA, and other highway organizations.*



# Highways for National Defense

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